

McGill University
Department of Kinesiology and Physical Education

COURSE OUTLINE, FALL 2019
ANATOMY AND PHYSIOLOGY
EDKP 293-001

INSTRUCTORS:

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OFFICE HOURS: Please contact instructors by email to arrange for office hours.

CLASS SCHEDULE: Monday and Wednesday, 10:05-11:25 AM

CLASS LOCALE: Education Building 216

COURSE DESCRIPTION:

This course provides the necessary understanding of structure and function of the human body, as required for subsequent course work and future design and delivery of strategic physical education programmes. Teaching will be re-enforced through “real world” examples and case studies, relating the information delivered in this course to the field of physical education instruction.

COURSE OBJECTIVES:

Upon completion of this course, the student will have:

- a fundamental knowledge and understanding of human anatomy and physiology.
- a basic scientific insight to physical function in both normal and pathological conditions.
- a basic knowledge and appreciation of the scientific terminologies as related to the field.

Regarding the 12 Exit Teaching Competencies required by the Ministère de l'Éducation, du Loisir et du Sport (MELS), this course addresses the following points:

- Competency 1: To act as a professional inheritor, critic and interpreter of knowledge or culture when teaching students.
- Competency 2: To communicate clearly in the language of instruction, both orally and in writing, using correct grammar, in various contexts related to teaching.

REQUIRED COURSE TEXT:

- Marieb EN. Essentials of Human Anatomy and Physiology (12th ed.). Pearson Publishers.

**Please note that you may use previous editions or other equivalent text books- it is your responsibility to confirm consistency with 12th edition. Also, we will be using the online access so a code may have to be purchased separately.

COURSE EVALUATION:

Online assignments (details will be presented in class)	10%
Midterm 1 (during class time, see schedule for date)	25%
Midterm 2 (during class time, see schedule for date)	25%
Final examination (during exam period, date TBA)	40%

***It is your responsibility to contact the course instructor ASAP if you will or have missed an in-class examination. If you will or have missed a final exam, you must contact the exams office for a supplement.**

IMPORTANT DATES AT MCGILL:***Fall Term***

- Classes begin Tuesday, September 3
- Add/Drop deadline: Tuesday, September 17
- Course or University Withdrawal with refund deadline: Tuesday, September 24
- Thanksgiving: Monday, October 14
- Course or University Withdrawal with NO REFUND deadline: Tuesday, October 29
- Classes end: Tuesday, December 3¹
- Study Day: Wednesday, December 4
- Exams begin: Thursday, December 5
- Exams end: Friday, December 20 (12 days, including evening exams)

¹ On Tuesday, December 3, the normal Tuesday schedule of course lectures, labs and conferences will be replaced by a Monday schedule to make up for Thanksgiving Day.

ACADEMIC STATEMENTS:

In accord with McGill University's Charter of Students' Rights, students in this course have the right to submit in **English** or in **French** any written work that is to be graded. This right applies to all written work that is to be graded, from one-word answers to dissertations. Instructor addition: French/English dictionaries will be permitted during exams (however, supplemental notes marked within the dictionary will not be tolerated, *see following statement of **academic integrity***).

McGill University values **academic integrity**. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures

(see: www.mcgill.ca/students/srr/honest/ for more information).

L'université McGill attache une haute importance à l'honnêteté académique. Il incombe par conséquent à tous les étudiants de comprendre ce que l'on entend par tricherie, plagiat et autres infractions académiques, ainsi que les conséquences que peuvent avoir de telles actions, selon le Code de conduite de l'étudiant et des procédures disciplinaires (pour de plus amples renseignements, veuillez consulter: www.mcgill.ca/students/srr/honest/).

Instructors who may adopt the use of text-matching software to verify the originality of students' written course work must register for use of the software with Educational Technologies (support.ist@mcgill.ca) and must inform their students before the drop/add deadline, in writing, of the use of text-matching software in a course.

ACADEMIC EXPECTATIONS:

- Check MyCourses for notes prior to attending lecture
- Please read the required text. It will add to the framework of class slides.
- Requests for supplemental assignments to raise grades will NOT be accepted

LECTURE SCHEDULE (subject to change) DP: Dr. Pearsall; CSB: Dr. Scheede-Bergdahl		
Week	Date	Description
1	4 September	Course introduction: overview of outline, schedules and exams
2	9 September 11 “	Chapter 2 (Basic Chemistry): CSB Chapter 2 (Basic Chemistry): CSB
3	16 September 18 “	Chapter 3 (Cells: the living unit): CSB Chapter 3 (Cells: the living unit): CSB
4	23 September 25 “	Chapter 3 (Cells: the living unit): CSB Chapter 1 (The human body: an orientation): DP
5	30 September 2 October	Chapter 1 (The human body: an orientation): DP Review chapters 1,2,3 + <i>Assignments Chapters 1,2,3 due</i>
6	7 October 9	Midterm #1 on chapters 1, 2, 3 Chapter 5 (The skeletal system): DP
7	14 October 16 “	Thanksgiving: no classes Chapter 5 (The skeletal system): DP
8	21 October 23 “	Chapter 5 (The skeletal system): DP Chapter 6 (The muscular system): DP
9	28 October 30 “	Chapter 6 (The muscular system): DP Chapter 7 (The nervous system): DP
10	4 November 6 “	Chapter 7 (The nervous system): DP Review chapters 5,6,7; + <i>Assignments Chapters 5,6,7 due</i>
11	11 November 13 “	Midterm #2 on chapters 5, 6, 7 Chapter 11 (The cardiovascular system): CSB
12	18 November 20 “	Chapter 11 (The cardiovascular system): CSB Chapter 11 (The cardiovascular system): CSB
13	25 November 27 “	Chapter 13 (The respiratory system): CSB Chapter 13 (The respiratory system): CSB
14	2 December 3 December	Chapter 13 (The respiratory system): CSB Review chapters 11, 13 <i>Assignments Chapters 11,13 due</i>
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*Students are advised to keep a copy of the course syllabus for future reference.

*Schedule is subject to change.